

Voltage Controlled Oscillator

ROS-EDR3856/2

Typical Performance Data

V TUNE	TUNE SENS (MHz/V)	FREQUENCY (MHz)			POWER OUTPUT (dBm)			HARMONICS (dBc)			FREQ. PUSH (MHz/V)	FREQ OFFSET (KHz)	PHASE NOISE (dBc/Hz)
		-55°C	+25°C	+85°C	-55°C	+25°C	+85°C	F2	F3	F4			
0.5	40.30	1520.9	1514.8	1501.9	-2.58	-1.98	-1.06	-13.8	-28.5	-34.0	0.19	1	-80
1.0	32.10	1538.2	1530.8	1518.5	-1.56	-0.95	-1.33	-16.4	-27.7	-32.5	0.26	10	-103
1.5	33.70	1555.8	1547.7	1535.5	-1.64	-0.92	-1.18	-17.9	-24.9	-31.2	0.32	100	-123
2.0	38.50	1574.3	1566.9	1550.4	-1.33	-1.40	-0.55	-18.2	-24.6	-29.1	0.26	1000	-142
2.5	32.40	1592.0	1583.1	1569.4	-0.88	-0.26	-1.19	-20.5	-22.2	-29.7	0.26		
3.0	35.50	1613.6	1600.8	1584.2	-1.53	-0.03	-0.06	-20.8	-21.1	-28.3	0.32		
3.5	43.00	1631.0	1622.3	1601.2	-0.35	-1.25	-0.45	-18.4	-21.1	-26.2	0.19		
4.0	34.30	1652.6	1639.5	1620.5	-0.62	0.36	-0.07	-20.3	-20.2	-25.7	0.26		
4.5	36.90	1670.9	1657.9	1636.2	0.30	0.48	0.25	-20.8	-21.0	-24.6	0.26		
5.0	44.40	1693.1	1680.1	1655.6	-0.09	0.24	0.29	-17.7	-21.0	-21.9	0.00		